SHARP SERVICE MANUAL

CODE : 00ZZQ190SM//E

SUN MON TUE WED THU FRI SAT
SHARP YO-190 256KB
SCHEDULE TO DO/ANN TEL E-MAIL WWW MEMO EXPENSE CLOCK CALC/CONV
PREV
NEXT
Q W E R T Y U I O P BS
A S D F G H J K L
Z X C V B N M
2nd CAPS SMBL SPACE INS DEL ENTER
BackLight
COMPUTER LINK

REPLACEMENT MODEL

YO-190 (include PC link soft)
ZQ-190 (include PC link soft)
MODEL ZQ-195 (include PC link soft)

DISPLAY SECTION		
	STANDARD FUNCTION	12 digits 1M
	ELEMENT : FSTN-LCD	PARTS NAME : 9820AFSH
	NUMERAL : Full Dot	DOT Pitch : 0.04 (mm)
	Dot size : 0.47 x 0.57	♪ EDIT ⬆ S ♫ 2nd ✻ CAPS ⬇ BATT

LSI	Name :(CPU)LI359326	(RAM) JT8N65A-CA x 2	
	Type : CHIP (178pins)	CHIP (36pins)	
POWER SUPPLY		AC : X	DC : O

- BATTERY TYPE
  Operating battery : CR2032 x 2 pcs
  Memory backup battery : CR2032 x 1 pc

AC ADAPTOR	
RECHARGEABLE BATTERY	
POWER CONSUMPTION	0.1W
AUTO POWER OFF	Approx.7minutes
MEMORY PROTECT	Yes
DIMENSIONS (mm)	

148(W) x 92(D) x 13.0(H) mm (When closed)
148(W) x 180(D) x 9.0(H) mm (When open)

CALCULATIONS

Four arithmetic calculations, Constant calculation, Power calculation, Chain calculation, Reciprocal calculation, % calculation, Add-on (discount) calculation

Weight

Approx. 130 g (Including batteries)

Accessories

3 lithium batteries (installed), Operation manual

OTHER SPECIFICATIONS

Model :	YO-190, ZQ-190, ZQ-195
Product name :	Electronic Organizer
Display :	19 columns x 5 lines
Memory capacity :	260,736 bytes
Clock mode :	
Accuracy :	±30 seconds / month (at 25˚C / 77˚F)
Display :	Year, month, day, day of the week, hour, minute, AM / PM, city name, time zone
Clock system :	12-hour / 24-hour format (switchable) World clock function, daylight saving time / summer time display function, schedule alarm function
Telephone / E-mail mode :	Entry and recall of names, numbers, postal addresses, and E-mail addresses
WWW mode :	Entry and recall of names, URL, and remarks
Calendar mode :	From Jan., 1901 to Dec., 2099, Schedule mark function distinguishing between morning, afternoon, and anniversary.
Schedule mode :	Entry and recall of schedule (year, month, day, hour and minute), schedule alarm
To Do mode :	Entry and recall of To Do listings
Memo mode :	Entry and recall of memo listings
Expense mode :	Entry and recall of expense listings
Anniversary mode :	Entry and recall of month, day (or month, week, day), and description of anniversaries
Calculator mode :	12 digits (with calculation status symbol) Addition, subtraction, multiplication, division, percentage, square root, memory calculation, etc.
Currency/Unit conversion mode :	10 digits, 19 kinds of currencies and units
Operating temperature :	0˚C ~ 40˚C (32˚F ~ 104˚F)
Power supply :	Operating battery : 6V ⎓ (DC) (Lithium battery CR2032 x 2) Memory backup battery : 3V ⎓ (DC) (Lithium battery CR2032 x 1)
Battery life :	Operating batteries (at 25˚C / 77˚F) ● Approx. 1200 hours ; When data is continuously displayed without Backlight. ● Approx. 300 hours ; When data is continuously displayed with Backlight for 2 minutes per hourly use. ● Approx. 270 hours ; When data is searched for 5 minutes and displayed for 55 minutes per hourly use and Backlight is on for 2 minutes per hourly use. ● Approx. 1.5 years ; When turned off and the clock is running. Memory backup battery ● Approx. 5 years (if operating batteries are replaced promptly when exhausted) ● Approx. 1 year (if operating batteries are exhausted)

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

■Power supply

Batteries used

Type	Model	Quantity	Use
Lithium battery	CR2032	2	Unit operation
Lithium battery	CR2032	1	Memory backup

- Do not remove both the operating and memory backup batteries at the same time. Doing so will clear the memory of its contents.
- Be sure to write down any important information stored in the memory before replacing the batteries.

1. Precautions

Since improper use of the batteries may cause leakage or explosion, strictly observe the following instructions.

- Insert the battery with its positive side (+) correctly positioned.
- Never throw batteries into a fire because they might explode.
- Keep batteries out of the reach of children.
- When batteries become low, remove them from the Organizer immediately to avoid battery leakage and corrosion inside the Organizer.

Because the batteries in the Organizer were installed at the factory, they may become depleted before the specified expiration time is reached.

2. Operating Batteries Replacement

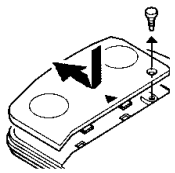
(1) Battery replacement time

When " **BATT** " is displayed, immediately replace the batteries with new ones. If the battery level is very low, the alarms or the key touch tone may not sound, or similarly the Backlight may remain on for less than the set interval or it may not function. Continued use of the Organizer with low batteries can alter or clear the memory contents. Memory contents may be lost if the batteries are improperly replaced or if the following instructions are disregarded.

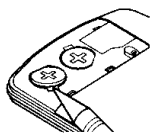
(2) Replacing the batteries

- Make sure the power is turned off before replacing the batteries.
- Do not press ON until the battery replacement procedure is completed.

1. Press OFF to turn the power off.
2. Loosen the screw (counterclockwise) and remove the battery holder cover on the back of the unit.



3. Remove the used batteries using a ball-point pen or similar object.
- Do not use a mechanical pencil or sharp pointed object.



4. Install 2 new batteries with the positive sides (+) facing up.
5. Replace the holder cover and secure it with the screw.
6. The power will be turned on 2 to 3 seconds after ON is pressed. If the power does not come on, press the **RESET** switch.
7. Set the clock to the correct time.

■Synchronization

Supplied Items

- Sharp Electronic Organizer
- One 3.5" Floppy Disk (PC Interface Software)
- PC Interface Cable
- PC Iuterface Software User's Guide

System Requirements

- Windows® 2000 Professional, Windows® 98, or Windows® 95
- 8MB free hard disk space
- VGA monitor or better
- Microsoft® Mouse or compatible Pointing Device
- 3.5" disk drive
- One available serial port with D-sub 9-pin connector

And for Windows 2000® Professional :

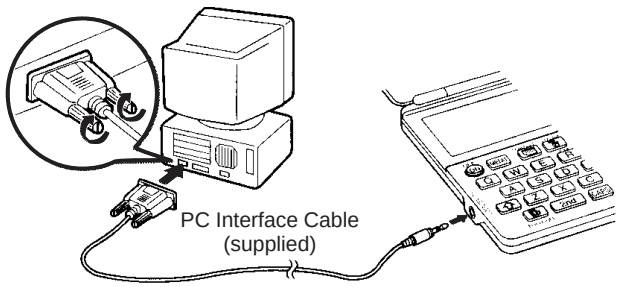
- 133MHz or higher Pentium-compatible CPU
- 64MB RAM available

And for Windows 98®, Windows 95® :

- IBM-compatible 486 or Pentium-compatible CPU(66MHz or higher)
- 24MB RAM available

Connecting Your Organizer to a PC

1. Turn off your PC and the Organizer.
2. Connect the standard 9-pin connector of the PC interface cable into a COM port on your PC.
- Using a 25-pin connector instead of the standard 9-pin connector requires an additional adaptor.
3. Connect the other end of the PC Interface Cable into the PC interface connector located on the left side of the Organizer.



Packing form

Model	Form	SPEC	Country
YO-190	Clamshel	U1U	SEC
ZQ-190	Clamshel	Y12	SECL
		LP1	SCA, SCNZ
	Universal	LDO	SRH
		LQO	SRS, STCL, SMEF, Agent
ZQ-195	Clamshel	LMO	SUK, LAG, SEF
	Universal	LNO	SEEG, SEA, SEZ, SEB
		LOO	SEIS, SEES

Note : Calendar: YO-190, ZQ-190: Starting from Sunday.
Calendar: ZQ-195: Starting from Monday.

Parts List

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
1	0GS6899931////	AA	N	C	Screw	(for Battery cover)
2	0GS6132390////	AD	N	D	Battery cover	
3	0GS9209330////	AF	N	D	Manual (ENGLISH+SPANISH)	[U1U]
	0GS9209360////	AF	N	D	Manual (ENGLISH)	[except U1U]
	0GS9209370////	AF	N	D	Manual (FRENCH)	[Y12, LNO]
	0GS9209420////	AF	N	D	Manual (SPANISH)	[LMO, LOO]
	0GS9209410////	AF	N	D	Manual (PORTUGUESE)	[LOO]
	0GS9209380////	AF	N	D	Manual (GERMAN)	[LNO]
	0GS9209400////	AF	N	D	Manual (ITALIAN)	[LOO]
	0GS9209390////	AF	N	D	Manual (NETHERLAND)	[LNO]
	0GS9209350////	AF	N	D	Manual (CHINESE)	[LDO, LQO]
	0GS9209340////	AF	N	D	Manual (ARABIC)	[LDO, LQO]
4	0GS9432830////	AF	N	D	Operation label	[Y12]
5	0GS9120570////	AK	N	D	Floppy disk for software	
6	0GS5420270////	AQ		D	Cable for PC-LINK	
7	0GS9432870////	AA		D	Chinese label	[LDO]

SHARP

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